

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101222\
 Data File : PL078287.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Oct 2022 10:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/13/2022
 Supervised By : Ankita Jodhani 10/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 13 01:07:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101222.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 12 15:30:54 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.413	2.621	34082441	52800594	20.623	19.975
28)	SA Decachlor...	8.899	7.714	31278361	43041374	20.261	19.800
Target Compounds							
2)	A alpha-BHC	3.878	3.113	23504617	41719039	9.347	10.023
3)	MA gamma-BHC...	4.213	3.437	22976861	32963939	9.853	9.460
6)	B beta-BHC	4.426	3.737	10280859	15144542	10.337	10.273
14)	MA Endrin	6.456	5.441	69448172	108.2E6	46.541	46.958
16)	A 4,4'-DDD	6.598	5.598	164459	473426	0.134m	0.213m#
17)	MA 4,4'-DDT	6.909	5.846	145.1E6	226.6E6	99.132	99.845
18)	B Endrin al...	6.816	5.919	789276	3064601	0.690	1.656 #
20)	A Methoxychlor	7.390	6.423	189.8E6	294.5E6	250.476	233.140
21)	B Endrin ke...	7.537	6.637	2686381	5119591	1.722	1.932

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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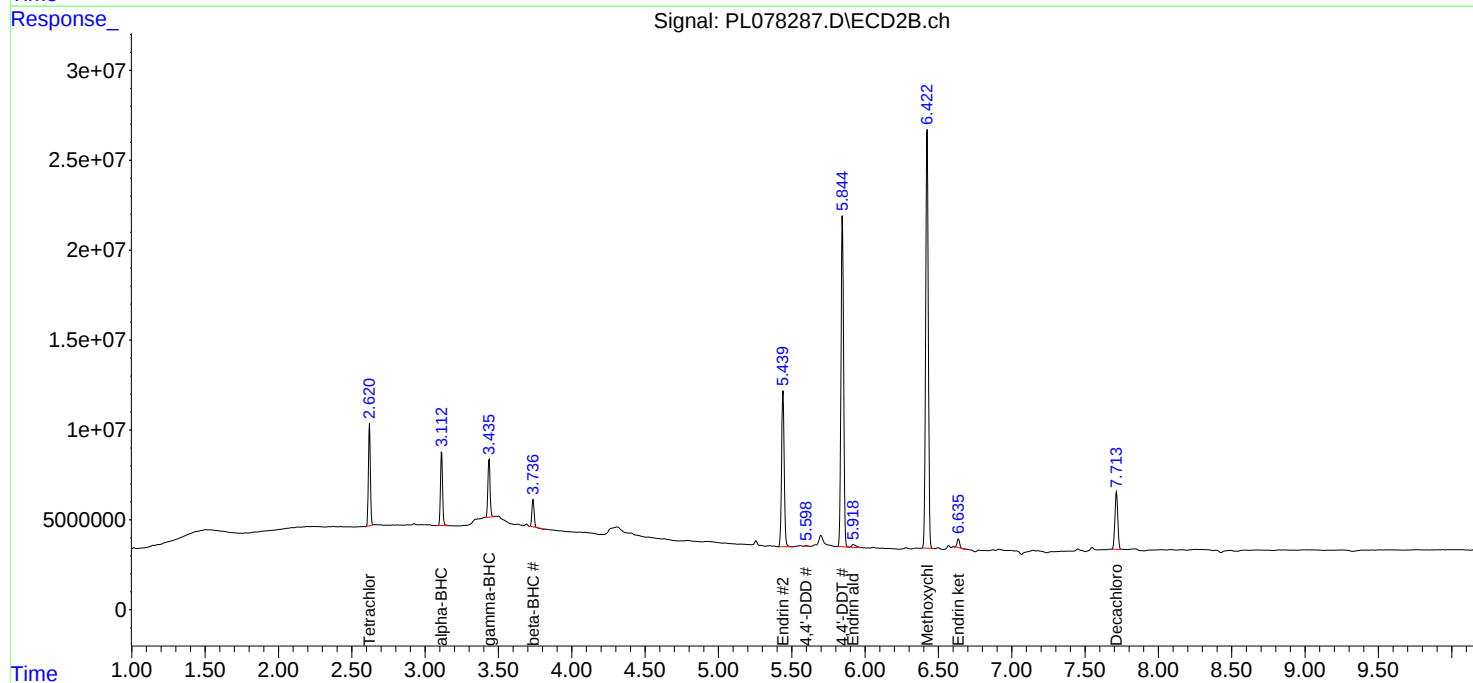
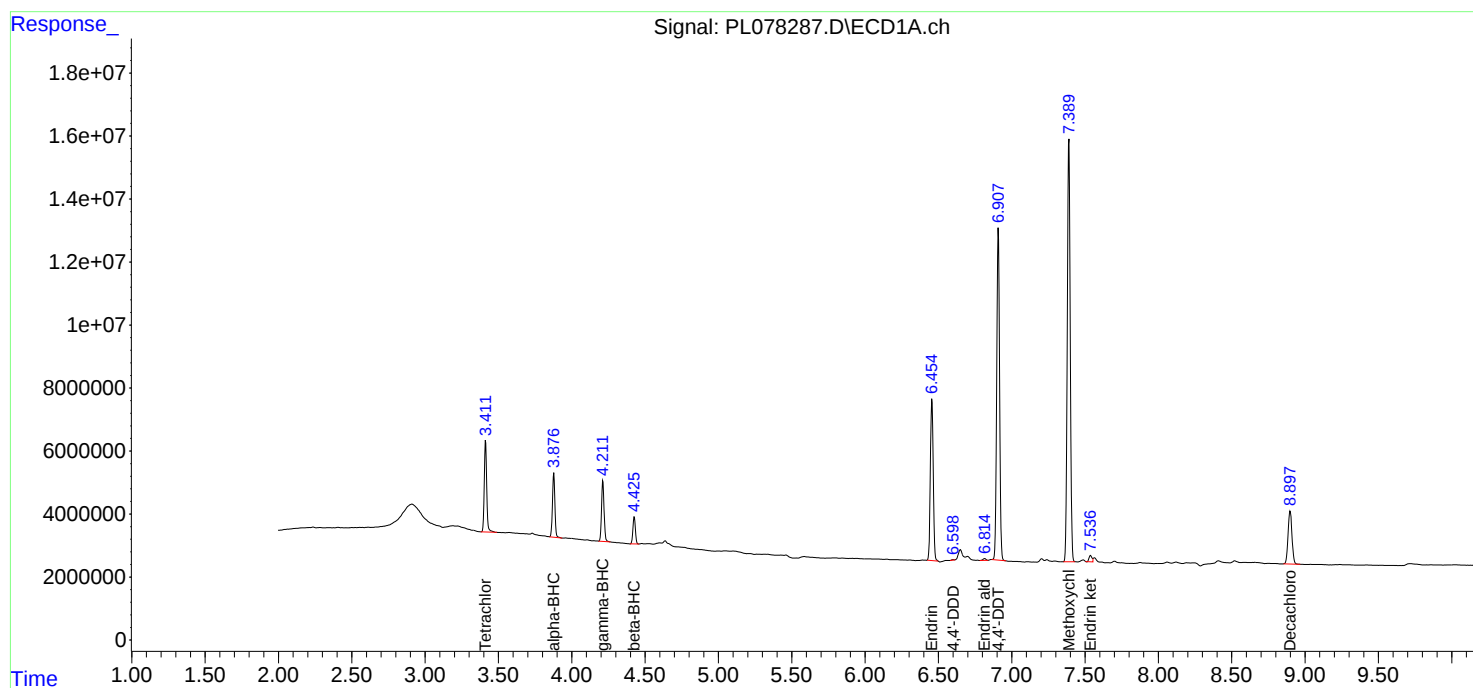
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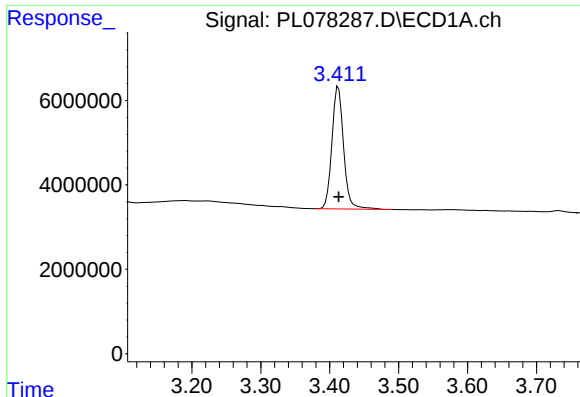
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Integration File signal 1: autoint1.e
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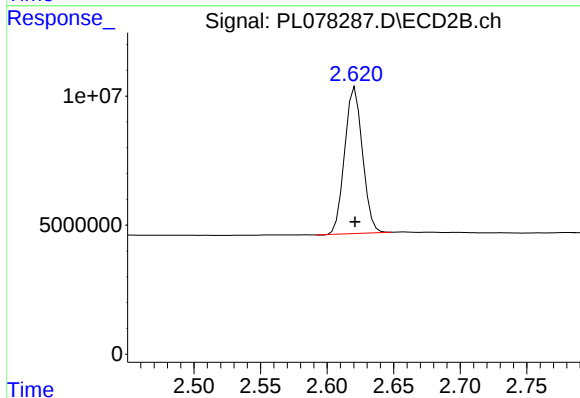
#1 Tetrachloro-m-xylene

R.T.: 3.413 min
Delta R.T.: 0.000 min
Response: 34082441
Conc: 20.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

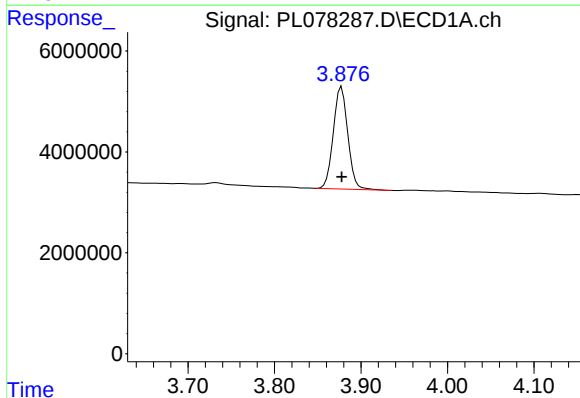
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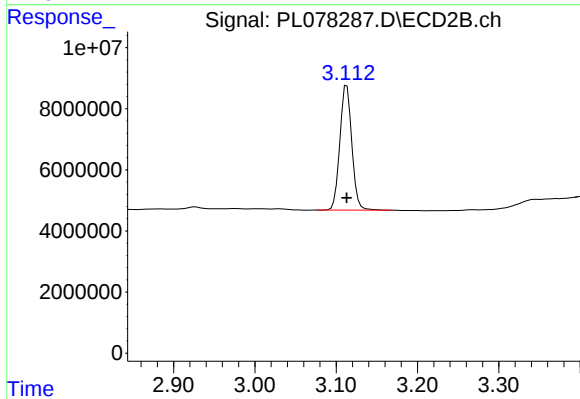
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: 0.000 min
Response: 52800594
Conc: 19.98 ng/ml



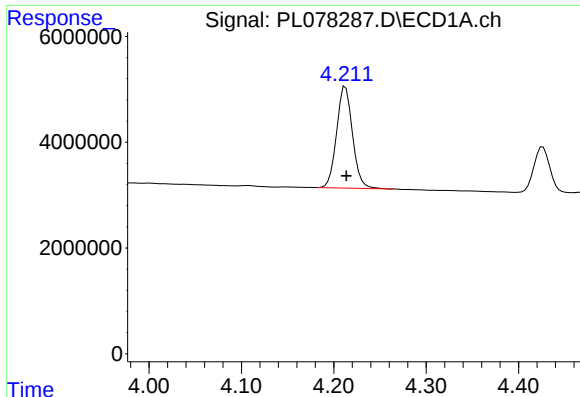
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: 0.000 min
Response: 23504617
Conc: 9.35 ng/ml



#2 alpha-BHC

R.T.: 3.113 min
Delta R.T.: 0.000 min
Response: 41719039
Conc: 10.02 ng/ml



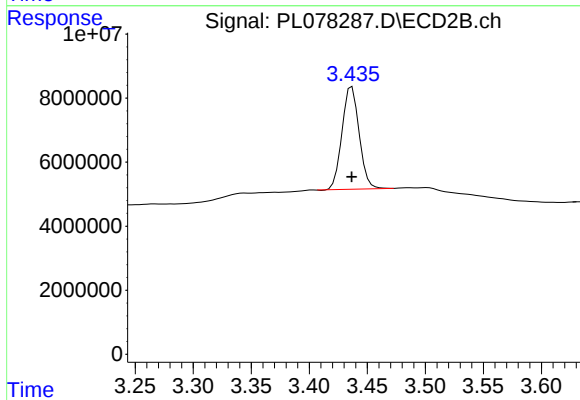
#3 gamma-BHC (Lindane)

R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 22976861
Conc: 9.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

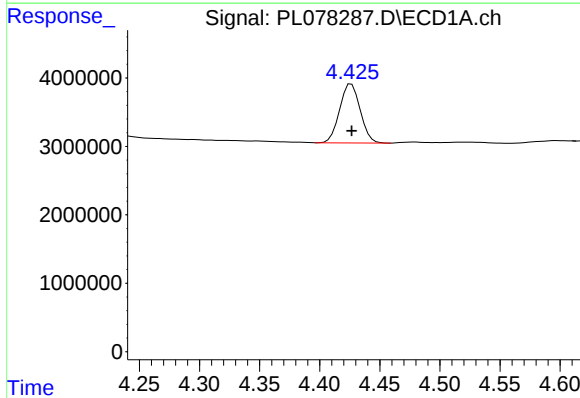
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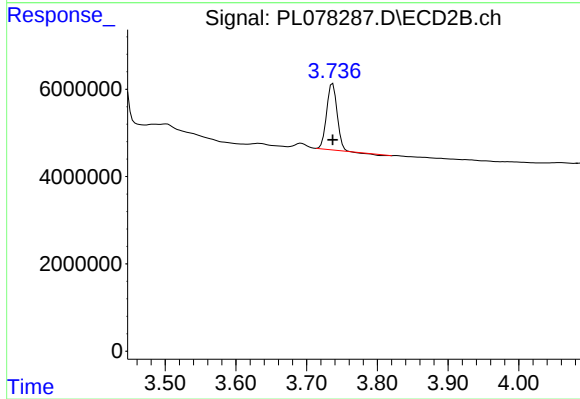
#3 gamma-BHC (Lindane)

R.T.: 3.437 min
Delta R.T.: 0.000 min
Response: 32963939
Conc: 9.46 ng/ml



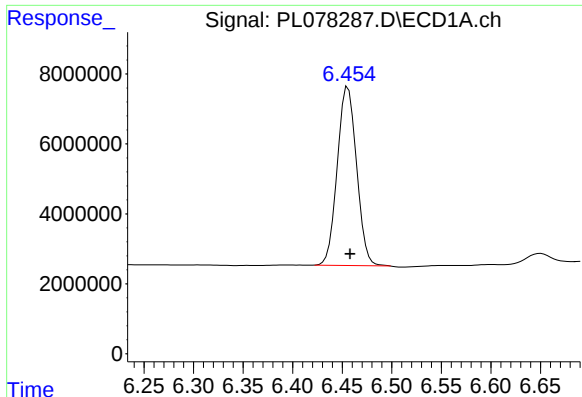
#6 beta-BHC

R.T.: 4.426 min
Delta R.T.: 0.000 min
Response: 10280859
Conc: 10.34 ng/ml



#6 beta-BHC

R.T.: 3.737 min
Delta R.T.: 0.000 min
Response: 15144542
Conc: 10.27 ng/ml



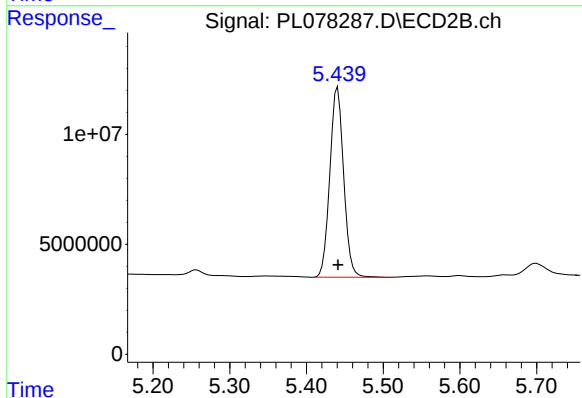
#14 Endrin

R.T.: 6.456 min
Delta R.T.: -0.002 min
Response: 69448172
Conc: 46.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

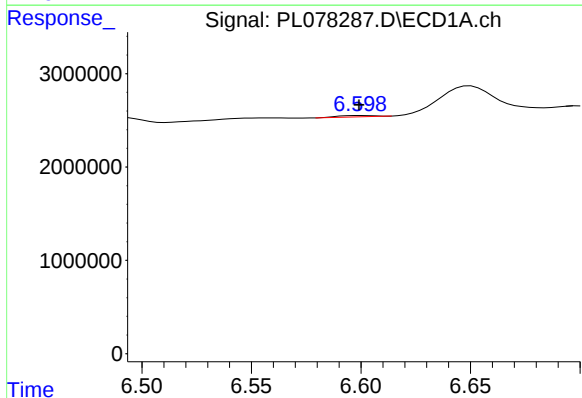
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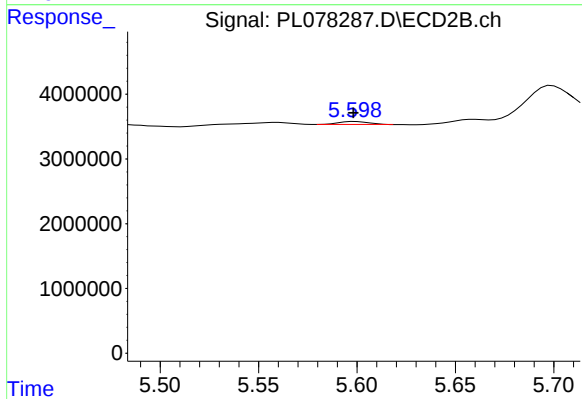
#14 Endrin

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 108163310
Conc: 46.96 ng/ml



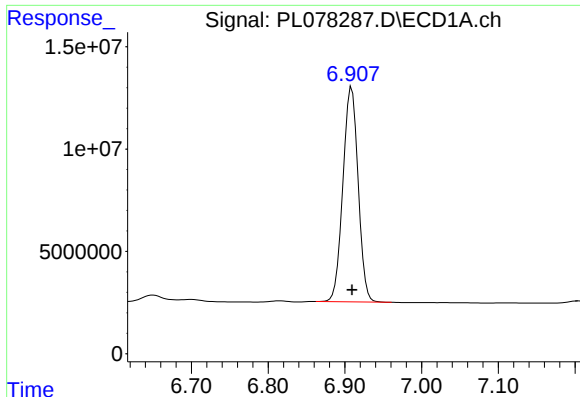
#16 4,4'-DDD

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 164459
Conc: 0.13 ng/ml m



#16 4,4'-DDD

R.T.: 5.598 min
Delta R.T.: 0.000 min
Response: 473426
Conc: 0.21 ng/ml m



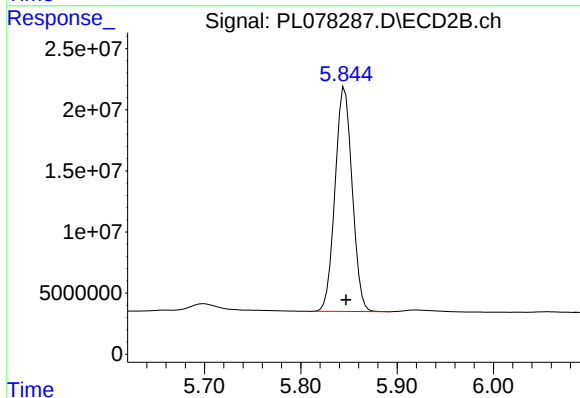
#17 4,4'-DDT

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 145124298
Conc: 99.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

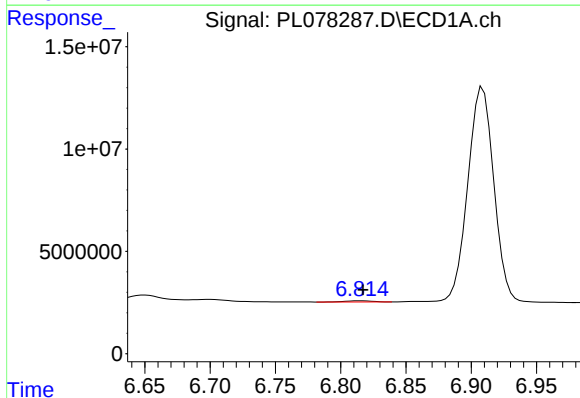
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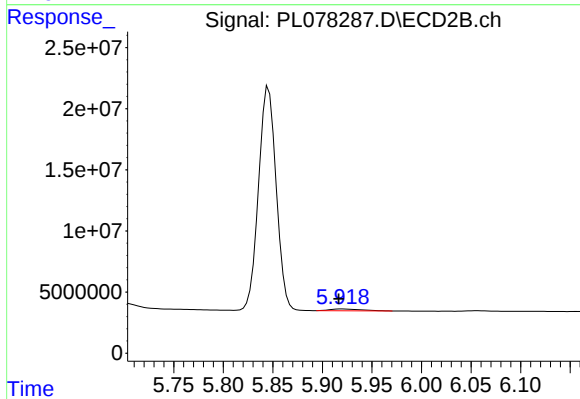
#17 4,4'-DDT

R.T.: 5.846 min
Delta R.T.: -0.001 min
Response: 226639010
Conc: 99.84 ng/ml



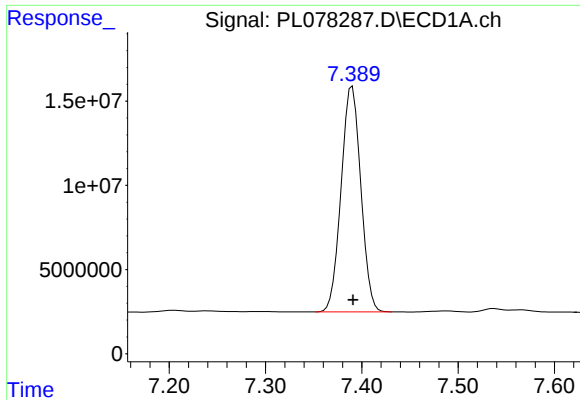
#18 Endrin aldehyde

R.T.: 6.816 min
Delta R.T.: -0.002 min
Response: 789276
Conc: 0.69 ng/ml



#18 Endrin aldehyde

R.T.: 5.919 min
Delta R.T.: 0.003 min
Response: 3064601
Conc: 1.66 ng/ml



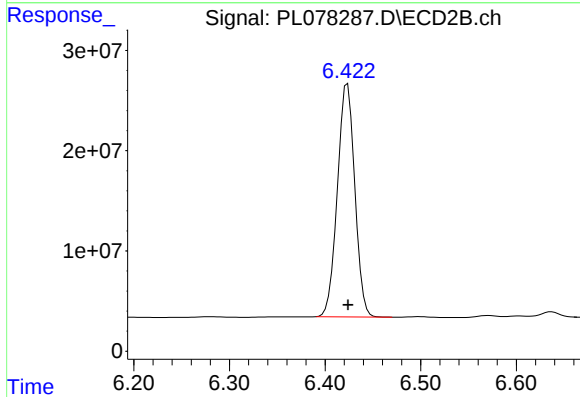
#20 Methoxychlor

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 189789102
Conc: 250.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

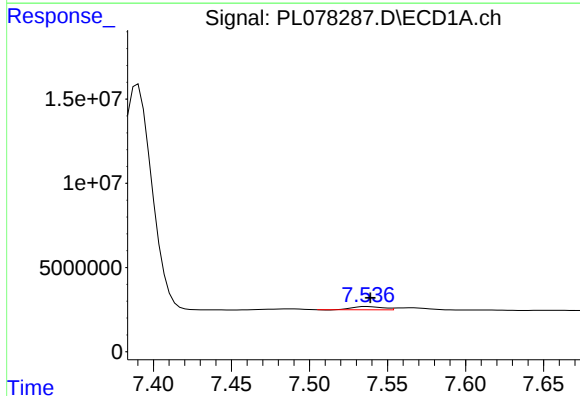
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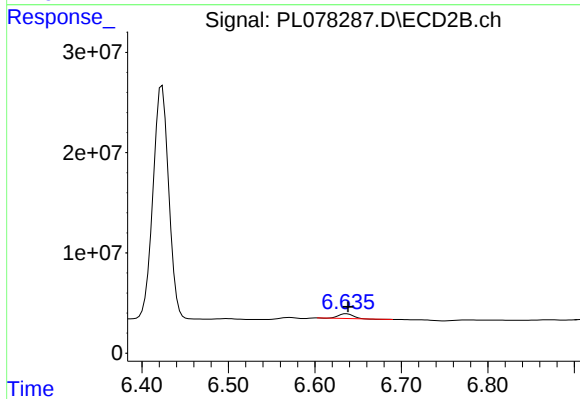
#20 Methoxychlor

R.T.: 6.423 min
Delta R.T.: 0.000 min
Response: 294459403
Conc: 233.14 ng/ml



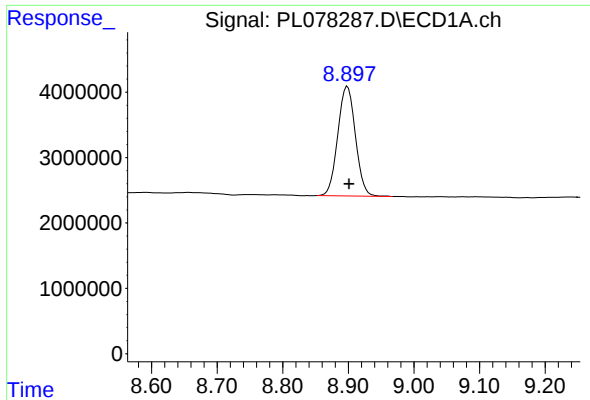
#21 Endrin ketone

R.T.: 7.537 min
Delta R.T.: -0.002 min
Response: 2686381
Conc: 1.72 ng/ml



#21 Endrin ketone

R.T.: 6.637 min
Delta R.T.: -0.002 min
Response: 5119591
Conc: 1.93 ng/ml



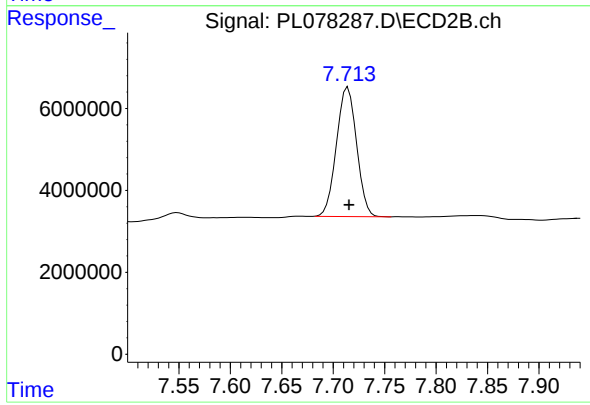
#28 Decachlorobiphenyl

R.T.: 8.899 min
Delta R.T.: -0.002 min
Response: 31278361
Conc: 20.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.714 min
Delta R.T.: -0.001 min
Response: 43041374
Conc: 19.80 ng/ml